

GENERAL BLUESTONE/BASALT

CLEANING, SEALING & MAINTENANCE GUIDE

Pre Sealing Bluestone?

It is **NOT** recommended to dip seal or pre seal the face of Bluestone with **Spirit Pre Seal**. The pre seal can pool in the microscopic pores of Bluestone and leave a white crystalline excess. These pores are so small that nothing can get in there to remove the excess. This may result in the Bluestone appearing shades lighter and may need mechanical resurfacing.

If pre sealing is to be done, we recommend using **Spirit Waterbased Premium Seal** or **Spirit NPS**. 1 coat is required with a 24 hr curing time. They can be dipped, sprayed, or rolled on.

Important: Do not stack the drying stone against each other with no air flow, stack them so they can breathe, and remove any excess Pre Seal within 5 – 10 minutes.

Initial cleaning/grout haze removal

Once the tiles have been laid, grouted and washed, a grout residue/haze may be left. It is recommended to wait for 3-4 days for the grout to harden sufficiently before attempting to remove the grout haze in preparation for sealing.

It is advised to keep the floor protected during this timeframe if work is still being done by other trades, as they may need to walk over the floor to do their jobs.

What you will need – (**Spirit Phosphoric Acid**, **Spirit Neutral Cleaner**, **Spirit Doodlebug**, bucket, broom, mop) **Spirit Safe Acid** can also be used to remove the grout haze.

IMPORTANT! Test first for acid sensitivity before cleaning any surface with **Spirit Phosphoric Acid** or **Spirit Safe Acid**. If the stone shows acid sensitivity, use **Spirit HDC** to remove the grout haze.

1. Sweep and or vacuum the floor to remove any loose debris.
2. In the bucket, dilute 10 parts clean water to 1 part **Spirit Phosphoric Acid** and apply to the area that needs cleaning. Use the broom to evenly distribute the solution over the area.
3. Allow the solution to sit for 2-3 mins. If you notice that the solution is drying, add more to keep it wet. *Only clean in sections that you can handle.
4. Now scrub the floor with a **Spirit Doodlebug** (scouring pad.) The multi-directional head attaches easily to a broom handle for easy cleaning.
5. Remove the solution and rinse the floor with **Spirit Neutral Cleaner** at a dilution of 20 parts clean water to 1 part **Spirit Neutral Cleaner**. If you have access to a wet/dry vacuum it is the ideal way to remove the dirty water.
6. If necessary, rinse the floor with clean water and allow it to dry completely before sealing.

Sealing

Once the stone is clean and dry, final sealing can begin. It is recommended that a breathable penetrating sealer is used. Test first before use, preferably on a spare piece of stone.

- **Spirit Premium Seal, Spirit Waterbased Premium Seal** and **Spirit NPS** are all suitable.
- For highly honed and polished finishes, **Spirit NPS** is the ideal choice.
- **Spirit Colour Enhancer Pro** can be used to bring out the natural colour in the stone.

What you will need – (Sealer, **Spirit Lambswool Applicator**, clean white rags, gloves, respirator and solvent suitable tray (for solvent based sealer only)

2 coats are required, allowing approximately 1 hour in between coats. Follow the directions on the can or bottle very closely.

Please note: Penetrating sealers will not prevent surface etching or scuffing.

*Extra care must be taken to remove excess sealer when using **Spirit Colour Enhancer Pro**.

Maintenance

The stone can be cleaned regularly using **Spirit Neutral Cleaner**. If need be, the stone can be cleaned periodically (every 6-12 months) depending on traffic and wear with **Spirit HDC** or **Spirit Bright As**.

RE-SEALING

Weather conditions, harsh cleaning methods using high-alkaline, acid or solvent-based cleaners will affect the long term performance of the sealer. Following the appropriate **Spirit Guide** relating to your substrate will ensure the longest lasting protection.

The longevity of your sealer is greatly dependant on the following...

1. Using a premium quality sealer.

Spirit Sealers are all premium quality sealers.

2. Proper application of the sealer. This includes the cleaning process prior to sealing.

Sealing a floor that hasn't properly dried, sealing when it's too hot or cold, not mopping up excess sealer and not applying enough sealer are a few of the mistakes made.

3. Where the area is? Is it a high traffic area?

Commercial areas that see more traffic and are cleaned more regularly will need to be re-sealed more often than most domestic areas.

4. How the floor is maintained?

Cleaning regularly with the wrong types of cleaners will break down the sealer prematurely and may even damage your stone. The cleaners in this guide have been formulated especially for the stone and tile industry.

This is a general guide for bluestone/basalt, Spirit Sealers & Cleaners always recommend to test first when cleaning or sealing any surface. For more information contact sales@spiritsealers.com